

QC-4

MOVING AVERAGE CALCULATION WORKSHEET FOR GRADATION

GENERAL NOTE: This form to be completed by Contractor's QC personnel and maintained at the QC Lab site. The moving average calculation worksheets are used to determine the moving average of the last four applicable test results. This moving average figure(s) shall then be plotted on the appropriate standardized control charts. A computer generated moving average worksheet may be utilized instead of the paper QC-4 Form. This computer worksheet must be backed up so if equipment failure occurs, this information will still be available for review. This form shall be maintained in the QC lab files for a minimum of three (3) years after the last entry date.

1. Type mix produced.
2. Appropriate job mix formula number.
3. Date QC sample taken.
4. QC sample number.
5. All column (5's) will be entries for individual test results of the specified test for this column. All sieves, except the 0.075mm, will be entered to the nearest whole number. The 0.075mm sieve will be entered to the nearest 0.1.
6. All column (6's) will be an average of the last four individual test entries. Moving averages will not be established until the fourth test entry. The averages for all sieves, except the 0.075mm, will be to the nearest whole number. The averages for the 0.075mm sieve will be to the nearest 0.1.